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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/579,677	05/26/2000	John Edmund Ahern	GB9-2000-0076-US1	3625

25259 7590 10/27/2003

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EXAMINER

ANYA, CHARLES E

ART UNIT	PAPER NUMBER
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2126

DATE MAILED: 10/27/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/579,677

Applicant(s)

AHERN ET AL.

Examiner

Charles E Anya

Art Unit

2126

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 April 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4,6,7. 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1 – 13 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Pat. No. 6,058,389 to Chandra et al.

As to claim 1, Chandra teaches a method for simplifying control of a group of computer programs (Client Application Programs 301,302 Col. 6 Ln. 11 – 29) which access computer system resources held in computer system memory (Relational Database System 304 Col. 6 Ln. 11 – 29), the method including the steps of providing connection services to each computer program within the group of computer programs to enable access to a shared access memory (“...request...” Col. 6 Ln. 45 – 57, Queue Table 200 Col. 7 Ln. 1 – 13), providing a set of command target qualifiers including at least one command target qualifier indicating that a command should be applied to all members of a group of computer programs (ENQUEUE Operation/DEQUEUE Operation Col. 6 Ln. 53 – 63), and providing a set of scope definitions (“...control information...” Col. 6 Ln. 51 – 67, Col. 11 Ln. 4 – 67, Col. 12 Ln. 1 – 54) for association

Art Unit: 2126

with respective computer system resources to determine the scope of access and change rights for the computer system resources (“...meta-data...” Col. 7 Ln. 8 – 47) and for determining whether the computer system resources should be stored in said shared access memory (Multiple Consumers Per Message/Subscription & Recipient Lists Col. 12 Ln. 10 – 27, “...Dequeue-Options parameter...” Col. 16 Ln. 64 – 67, Col. 17 Ln. 1 – 5), and for identifying computer system resources to which a command is to be applied by reference to their associated scope definitions (“...object name...queue name...” Col. 7 Ln. 1 – 18).

As to claim 2, Chandra teaches a method where the respective ones of the scope definitions are associated with respective computer system resources in response to setting of a scope parameter during a computer system resource creation operation (Queues 202,204 Col. 6 Ln. 64 – 67, Col. 7 Ln. 1 – 47, Queue Table Col. 10 Ln. 46 – 48).

As to claim 3, Chandra teaches a method where the set of scope definitions include a shared scope option for association with respective computer system resources, the shared scope definition determining that the respective computer system resources should be stored in the shared access memory and should be accessible to all computer programs in said group (“...reply queue...” Col. 11 Ln. 21 – 28, Multiple Consumers Per Message/Subscription & Recipient Lists Col. 12 Ln. 10 – 27).

As to claim 4, Chandra teaches a method that includes the step of saving a computer system resource to the shared access memory in response to specifying a

Art Unit: 2126

shared scope during creation of the computer system resource (Queues 202,204 Col. 6 Ln. 64 – 67, Col. 7 Ln. 1 – 5).

As to claim 5, Chandra teaches a method where the set of scope definitions include a group scope option for association with respective computer system resources, the group scope definition determining that the respective computer system resources should be stored in the shared access memory and that copies of the respective computer system resources should be created and stored in local storage of each computer program in the group (“...local memory area...” Col. 15 Ln. 37 – 44).

As to claim 6, see the rejection of claim 1.

As to claim 7, see the rejection of claims 1 and 2.

As to claim 8, Chandra teaches a command interface where the command target qualifier has at least a first specifiable parameter value indicating that a command should be applied to all members of the group of computer programs and a second specifiable parameter value indicating that a command should be applied to an individual computer program of the group of computer programs (“...Dequeue-Options parameter...” Col. 16 Ln. 64 – 67, Col. 17 Ln. 1 – 5).

As to claim 9, see the rejection of claim 1.

As to claim 10, claim 1 covers claim 10 except for means for accessing a first memory from the one computer program, the first memory is inaccessible from other members of the group of computer programs and means for accessing a second memory from the one computer program, the second memory is accessible from all members of the group of computer programs.

Art Unit: 2126

Chandra teaches means for accessing a first memory from the one computer program, the first memory is inaccessible from other members of the group of computer programs ("...Subscription & Recipient..." Col. 12 Ln. 10 –16, "Recipient List..." Col. 15 Ln. 14 – 18, "...local memory area..." Col. 15 Ln. 37 – 44, "...Dequeue-Options parameter Col. 16 Ln. 64 – 67, Col. 17 Ln. 1 – 5) and means for accessing a second memory from the one computer program, the second means memory is accessible from all members of the group of computer programs ("...Multiple Consumers Per Message...Subscription & Recipient..." Col. 12 Ln. 10 –16, "Recipient List..." Col. 15 Ln. 14 – 18, "...Dequeue-Options parameter Col. 16 Ln. 64 – 67, Col. 17 Ln. 1 – 5).

As to claims 11 and 12, see the rejection of claim 1.

As to claim to 13, see the rejection of claims 1 and 2.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E Anya whose telephone number is (703) 305-3411. The examiner can normally be reached on M-F (8:30-5:30) First Friday off.

The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Application/Control Number: 09/579,677
Art Unit: 2126


Page 6

Charles E Anya

Examiner

Art Unit 2126

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